

VPCEE31FX/WI **VAIO** - Notebook EE

Standout from the crowd

REDISCOVER YOUR FAVORITES

Rediscover your favorite music, photos and more with Media Gallery. Developed with design in mind, Media Gallery includes a stunning UI with easy-to-use features that take

In one-step, integrated SensMe[™] Technology simplifies your massive music library into

Instantly get the scoop on your favorite artist with built-in GraceNote™ support while an integrated YouTube™ search engine automatically seeks out and suggests music videos, interviews and other content related to the song being played.

Gallery. Using advanced technology, Media Gallery includes the ability to utilize your integrated webcam to detect specific hand movements that command the player to play, pause, skip forward or back through a song, video or slideshow.

POWERFUL PERFORMANCE

(2.20GHz¹) and 3GB of pre-installed system memory.

Excel® only, with advertising.

roomy 320GB² hard drive. Tackle virtually any graphics requirement with an AMD® Vision ATI Mobility Radeon™ HD4250 graphics card.

use tool that lets you tune up, update and troubleshoot your VAIO® PC with just a few clicks. An ASSIST button on the keyboard panel that puts this helpful program right at your fingertips.

Enjoy the convenience and accessibility of In-home and International service with the

With In-home service, when possible we'll come to you to repair your PC for a variety of

International service provides you with coverage in over 40 countries; Sony assures that

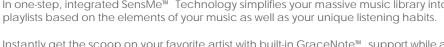
Optional Sony extended service plans are available to extend your limited warranty coverage up to 4 years from the date of your PC purchase.

affordable 15.5" widescreen laptop with an integrated number pad. Add to that an AMD® Athlon™ II Dual Core P340 processor, loads of RAM and amazing picture quality; you'll have everything you need in one sleek package.





the work out of enjoying your media.



Gesture Control introduces a whole new way to control content playing within Media



Enjoy the powerful performance of an AMD® Athlon™ II Dual Core P340 processor











Not a PC Expert? Don't know what a "de-frag" is? No problem. We've designed an easy-to-

Sony standard limited warranty¹⁴.

issues.

your VAIO® laptop will have a broad range of services and support wherever you travel.

Enjoy performance and multimedia entertainment in a colorful and





























VPCEE31FX/WI VAIO - Notebook EE

Specifications

General

Computer Type: Notebook

Action Buttons: ASSIST, Wireless on / off Pointing Device: Electro-static touchpad

Keyboard: QWERTY, 103 keys with 2.0mm stroke and , 19.05mm pitch

Camera: Built-in MOTION EYE® camera and microphone with face-tracking technology

10-Key Numeric Pad: Yes

Type: AMD® Athlon II Dual Core P340

Speed: 2.20GHz1 L2 Cache: 1MB

Installed: 3GB (2GBx1)+ (1GBx1)

Type/Speed: DDR3/1066MHz

Hard Drive

Capacity: 320GB2 Speed: 5400rpm Type: Serial ATA

Optical Drive

CD Support: Read / Write (CD/-R/-RW) DVD Support: Read / Write (DVD±R/±RW/±R DL/-RAM)

Multimedia Card Reader: One Memory Stick PRO™ (STD / Duo) media slot with MagicGate® functionality One Secure Digital (SD memory card) media slot

Sound System: Intel® High Definition Audio

Display

Screen Size: 15.5"4 Resolution: 1366 x 768 Back Light Technology: LED

Processor: ATI Mobility Radeon™ HD 4250 Graphics

Inputs and Outputs

Headphone Jack: 1 Microphone Input: 1 USB Port(s): 4 (2.0 compliant)

VGA Output(s): 1

DC-In: 1 Ethernet Connection (s): 1

Internal Microphone: 1 HDMI™ Output(s): 1

Battery Type: Standard Capacity Lithium-ion Battery DVD Playback: Up to 2.5 hours ⁷ Standard Capacity Battery

Default Brightness: Up to 3 hours ⁷ Standard Capacity

Maximum Brightness: Up to 2.5 hours ⁷ Standard Capacity Battery

Start-up Times

Average Boot Time: 60 sec16

Average Resume Time from Suspend: 2 sec16 First Boot Time: 5 min11

Wireless/Networking

Ethernet Protocol: 10Base-T/100Base-TX/1000Base-T Ethernet Speed: Fast Ethernet (RJ-45)

Wi-Fi: 802.11 b/a/n3

Operating System: Genuine Microsoft® Windows® 7 Home Premium 64-bit¹²

Supplied Software: Microsoft® Office 2010 Starter11

Anti-Virus Software: Norton Internet Security™ 2010 30-Day Trial Offer13

System Maintenance and Support: VAIO Care™ System diagnostics and maintenance

Sony® Creativity Suite: PMB - VAIO® Edition - Import, organize, edit and publish in one easy-to-us

program VAIO® Media Gallery - Bring forgotten favorites to life *Please access VAIO® Help and Support from your PC for a complete list of software applications and

Service and Warranty Information

Telephone Support: 1 year toll-free technical assistance available 24/7 at 888-476-6972. For priority support, please call 239-768-7605⁹.

Online and Email Support: Available at http://www.esupport.sony.com/EN/VAIO

Onsite/In-Home Service: 1 year limited warranty with Onsite/In-Home Service¹⁴ . See actual warranty for

International Service: 1 year international service plan. Registration required. See www.sony.com/IRSP for

Limited Warranty Term: 1 year limited warranty8. See actual warranty for details.

Environmental Information

FPFAT™ · Gold RoHS®: Compliant ENERGY STAR®: 5.0

Weight: 5.9 lbs (with standard capacity battery) Measurements: 14.56"(W) x 1.26"-1.47"(H) x 9.78"(D)5

Supplied Accessories

Standard Capacity Lithium-ion Battery (3500mAh) AC Adapter Power Cord

Optional Accessories

Stick AC Adapter (VGP-AC19V30) Large Capacity Battery (VGP-BPS22A) VAIO Backpack (VGP-CCB6/B) Keyboard Skin (VGP-KBV3) Wireless Laser Mouse (VGP-WMS30) Reversible Carrying Case (VGP-AMC9) Campus Messenger Bag (VGP-AMB14/B)

Color: Matte White UPC Code: 027242811386

- 1. GHz denotes microprocessor internal clock speed and may vary.
- 2. GB means one billion bytes when referring to hard drive capacity Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.

 3. Requires a compatible 802.11 access point (802.11n recommended)

- 3. Requires a compatible 802.11 access point (802.11n recommende and internet connection.

 4. Viewable area measured diagonally.

 5. Measured at the narrowest point

 6. LINIK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.

 7. Rating based upon laboratory testing. Actual performance varies based on settings, environmental conditions, and usage. Battery canacity degrees one within a not with the setting and usage. capacity decreases over time and use.
- 8. See actual limited warranty for details. For a copy of Sony's warranty, please visit www.sony.com/pcsupport, call toll-free 888-476-6972 (888-4SONYPC) or write to Sony Electronics, 12451 Gateway Boulevard, Fort Myers, FL 33913

- 9. For certain third party software applications, Sony provides first level phone support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the aplicable software vendor. Long
- distance charges may apply distance charges may apply 10. Broadband Internet service required along with third party services which may require a subscription or other service fee. 11. Includes Microsoft® Office 2010 preloaded. Purchase a Product Key
- to activate a full Microsoft Office 2010 suite.

 12. Compatibility and performance in a 64-bit environment may vary.

 13. Norton Internet Security 2010 30-day subscription is pre-installed 13. Not of Internal security 2013 obudy subscription is perhistalized on your Sony VAIO PC. You need to activate the software for the product to work. After your 30-days are finished, buy Norton Internet Security to continue to be protected from viruses, hackers and identify theft.

 14. When available, Sony will provide Onsite/In-Home Service in
- infilliment of its limited warranty obligations. Any such services are subject to the terms and conditions of the limited warranty. See actual Limited Warranty for details. Onsite/In-Home Service will be provided via third-party technician to be dispatched as needed following phone-based troubleshooting. Some repairs may be accomplished with self repair kits. Onsite/In-Home Service may not be available in all locations.
- Requires high definition-capable display with HDMI[™] connector.
- In Requires high ceaning of capable display with Thom Connector.

 Image quality will vary.

 16. Based on original factory image and will vary with product configuration changes and additional software added to the hard
- 17. Excluding end user interaction

Computer Interface: For this product, there are a multitude of varying Computer Interface: For this product, there are a multitude of varying software packages and addon hardware options. This product is not manufactured to work with any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned here. Sony hereby disclaims any representations or warranties that this sonly netedy disclaims any legitesentations of wair affines that this product is compatible with any combination of non-Sony products you may choose to connect to it. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony computer are subject to change without notice. Preinstalled software may not be identical to to change without notice. Preinstalled software may not be identical to retail versions or have all documentation. Features and specifications are subject to change without notice. Non-metric weights and measures are approximate and may vary.

Lamp in this product contains mercury. Disposal of these materials may

Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance (www.elae.org).

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